MYCOLOGICAL SOCIETY OF AMERICA

NEWS - LETTER

JUNE 1959

VOL. X NO. 1

MYCOLOGICAL SOCIETY OF AMERICA
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VOL. X NO. 2

Edited by : E. S. Beneke
Assisted by: Mrs. Pat Bulmer

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I. To the members of the Mycological Society of America:

I am happy to have this opportunity of addressing a few words to you informally, especially since I shall not be addressing you formally this year.

You are all aware, I am sure, that at the last business meetihg the Society voted to dispense with the Annual Meeting in connection with AIBS in 1959, and to hold only a Council meeting in Montreal to transact our business.

I wish to remind you, however, that we are participating as a group in the Mycological foray at the Gaspe just before the Botanical Congress, and to urge you to attend if possible. Summer school duties unfortunately will prevent me from attending the Foray, but I expect to be present at the formal meetings of the Congress and hope to see many of you there.

By this time you have received nomination ballots for Officers. This is the year in which we elect a new Secretary-Treasurer. In a way, this is the most important office in our Society. With an efficient, energetic, faithful Secretary-Treasurer, the affairs of the Society run smoothly. I appeal to you, therefore, to make your nominations for this office with special care and thought. In this connection I want to express my sincere appreciation to our present Secretary-Treasurer, to whom we are all indebted for his years of faithful service, and to the other officers and committee chairmen for their cooperation.

For according me the highest honor that, in my opinion, can come to an American mycologist, that of electing me to the presidency of our Society, my deepest thanks.

Sincerely yours,

Const. J. Alexopoulos

II. THE ANNUAL MEETING - 1959, MONTREAL, CANADA

The 26th Annual Meeting of the Mycological Society of America will not be held formally with the American Institute of Biological Sciences in 1959. Members attending the AIBS meetings in the Pennsylvania State University may want to contact Dr. Charles L. Fergus, the local representative for the Society, for assistance while attending the meetings.

It was agreed at the meetings of the Society at Bloomington, Indiana, that only the Council meeting will be held at Montreal, Canada as most of the members would be attending the IX International Botanical Congress at this time. The Council meeting will be held on Thursday, August 20th at 8:00 p.m. Room arrangements are being made through Muriel V. Roscoe, Chairman of the Local Organization Committee for the Congress. An announcement concerning the location will be made in the near future.

For further information on the Congress meeting, write to Secretariat, IX International Botanical Congress, Science Service Building, Ottawa, Canada.

III. THE GASPE PENINSULA FORAY TRIP, AUG. 11 to 19, 1959

The Society, as previously announced, has accepted the invitation to attend the planned foray trip to the Gaspe Peninsula, August 11 to 19, 1959, under the leadership of Dr. Rene Pomerleau. The cost per person, including train and bus transportation, accomodations and meals, is $125.00. Dr. Lindsay S. Olive, Vice President of the Society, cooperating with Dr. Rene Pomerleau, is willing to help members of the MSA should there be any questions or problems arise concerning the Foray. Vice President Olive's address is: Dept. of Botany, Columbia University, New York, New York.

IV. MYCOLOGICAL SOCIETY FELLOWSHIP

The Research Grants Committee of the Mycological Society of America takes pleasure in announcing that it has selected Mr. Glenn S. Bulmer, Department of Botany and Plant Pathology, Michigan State University, East Lansing, Michigan as the recipient of the Mycological Society Graduate Fellowship for 1959-1960. Mr. Bulmer is doing research on the development of Calvatia sp. in relation to strain development and tumor inhibiting principles. The committee consists of Drs. Leland Shanor, Chairman, Harry E. Wheeler, and Alma W. Barksdale.

V. ELECTION OF OFFICERS

Nominations have been received for the 5 offices of the Society for 1959-1960 and the ballots will be mailed out as soon as the nominees have sent letters of acceptance of their nomination into the Secretary.

VI. MEMBERSHIP

As of May 24, 1959 the membership of the Society including applications on hand to be presented for election at the annual business meeting in August was constituted as follows:

Members

Life Members	7
Regular Members	702
Associate Members	27
Emeritus Members	9
Corresponding Members	3
Sustaining Members	16
Affiliated Societies	5
	769

On the credit side the secretary is happy to report the membership shows a slight increase over last year although on the debit side there are over 56 members who have not yet paid 1959 dues. The number of unpaid members at this time is slightly less than last year at the same time. If you are one of them, the secretary would appreciate an early return of the balance due.

1959 Membership Drive

The Sustaining Membership Committee, under the able direction of Dr. John E. Peterson, has had marked success this year in adding a number of new names to the sustaining membership list. Our regular membership list has not grown as rapidly proportionally so do not forget to urge students, and your colleagues who are working or are interested in fungi to become members. Application cards may be obtained from either Dr. Haskins, Chairman of the Membership Committee, National Research Council, Prairie Regional Laboratory, Saskatoon, Saskatchewan, Canada, or E. S. Beneke, Department of Botany and Plant Pathology, Michigan State University, East Lansing, Michigan.

New Sustaining Members

Three new Sustaining Members have joined the Society since the last News-Letter. These are the Schering Corporation, Bloomfield, New Jersey, The Upjohn Company, Kalamazoo, Michigan, and the Butler County Mushroom Farm, West Winfield, Pennsylvania.

We welcome these new Sustaining Members to the Society, we thank them for their interest and support in things mycological, and we trust that their association with the Society will be profitable, pleasant and long.

May the members of the Society take every opportunity to patronize, to

acknowledge, and to aid all of the Sustaining Members of our Society. It is their support which makes a portion of our program possible.

John E. Peterson
Chairman, Sustaining Member Committee

Deceased Members

Louise Dosdall died last September after a prolonged illness at the age of 64. She had taught mycology in the Department of Plant Pathology and Botany, University of Minnesota, since 1920. She was well known for her work on diseases of ornamental plants.

Norman T. Engelhardt. Word was received through Dr. T. W. Johnson, Jr. that Norman T. Engelhardt, Forest Biology Laboratory, Vancouver, British Columbia died November 8, 1958. He had just completed his work for the doctoral while on leave of absence at Duke University.

W. H. Fulweiler, North Valley Road, Paoli, Pennsylvania, passed away December 20, 1958. He was a consulting chemist and a member of the Society.

Eugene H. Lucas, died suddenly after a heart attack on January 28, 1959 in East Lansing, Michigan. He was a professor in the Horticulture Department and was well known for his research work on tumor inhibitors in drug plants and fungi. He had numerous publications on this subject. He was also well known around the Michigan State University Campus for his willingness at any time to help the student or graduate student who had problems.

A. J. Moyer died February 17, 1959 at the Veterans Hospital in Bay Pines, Fla., at the age of 59. He had been associated with the U. S. Department of Agriculture since 1929 and his work at the Northern Regional Research Laboratory, Peoria, Ill., made large scale production of penicillin possible. He also did research on gluconic, lactic, citric and other acids as well as improve several methods of mold fermentation.

VII. SUSTAINING MEMBERS OF THE MYCOLOGICAL SOCIETY

The Society is grateful for the support of its Sustaining Members. They are listed below in alphabetical order. Patronize them and let their representatives know of our appreciation whenever it is possible.

ABBOTT LABORATORIES
Pharmaceutical Products for the Medical Profession Since 1888
North Chicago, Illinois

BALTIMORE BIOLOGICAL LABORATORY, INC.
A Division of Becton, Dickinson and Company
Products for the Microbiological Laboratory

BUCKMAN LABORATORIES, INC.
Industrial Microorganism Control Specialists
Memphis 8, Tenn.

BUTLER COUNTY MUSHROOM FARM
West Winfield, Pennsylvania

CIBA PHARMACEUTICAL PRODUCTS INC.
In the Service of Medical Science
Summit, New Jersey

DIFCO LABORATORY PRODUCTS
The Complete Line of
Microbiological Reagents and Media

THE FLEISCHMANN LABORATORIES
Standard Brands Incorporated

LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID COMPANY
Antibiotic, biological and pharmaceutical research and manufacture
Pearl River, New York

ELI LILLY AND COMPANY
Pharmaceuticals, biologicals, and agricultural and industrial products
740 South Alabama Street, Indianapolis, Indiana

THE NORWICH PHARMACAL COMPANY, EATON LABORATORIES DIVISION
Ethical Pharmaceuticals
Norwich, New York

ORTHO PHARMACEUTICAL CORPORATION
Obstetrical & Gynecological Products, Biologicals
Raritan, New Jersey

CHAS. PFIZER & CO., INC.
11 Bartlett Street, Brooklyn 6, New York
Fine Chemicals and pharmaceuticals by means of microorganisms

SCHERING CORPORATION
Pharmaceutical Manufacturers
Bloomfield, New Jersey

THE SQUIBB INSTITUTE FOR MEDICAL RESEARCH
E. R. Squibb & Sons, Div. of Olin Mathieson Chemical Corporation
New Brunswick, New Jersey

THE UPJOHN COMPANY
Kalamazoo, Michigan

ARTHUR H. THOMAS COMPANY
22,000 items of Chemical and Biological Apparatus for immediate shipment
Vine Street at Third, Philadelphia, Pa.

VIII. MYCOLOGICAL PUBLICATIONS

Due to lack of sufficient time to edit the titles, all items are listed as submitted.

Publications Offered for Sale or Available:

1. A long list of odd numbers of Botanical, Entomological and Phytopathological journals are available in exchange for Mycological and Phytopathological papers and wanted numbers of some journals in these fields. Please address offers to Dr. Jorge E. Wright, Secc. Identificacion de Plagas y Enfermedades, Paseo Colon 922, 4 piso, Buenos Aires (Argentina), from whom lists can be obtained.

2. Clinton, G. P., Plant Pest Handbook for Connecticut. II. Diseases and Injuries. Conn. Ag. Exp. Sta. 1934. D. Pease, Biology Dept., Brooklyn College, Brooklyn, New York.

3. Cooke, M. C., Pests of Garden Vegetables. 2 colored plates, 1 black and white one. Jour. Royal Horticultural Society 37:802 - 831. 1903. This is in Part IV, 1201 pp, containing papers, notes, abstracts, plus 62 pp. of Extracts from proceedings (1902), reports of Committees etc., with some illustration. D. Pease, Biology Dept., Brooklyn College, Brooklyn, New York.

4. De Bary, A. Comparative Morphology and Biology of the Fungi, Mycetozoa and Bacteria. Translated by Henry E. F. Garney. D. Pease, Biology Dept., Brooklyn College, Brooklyn, New York.

5. Hagelstein, R. The Mycetozoa of North America can be purchased at The New York Botanical Garden at $6.00 per copy. Clark T. Rogerson, N. Y. Botanical Garden, Bronx Park, New York, N. Y.

6. Jenkins, E. H., Fifty Year Index. 1877-1927. Bull. 309. 1929. Conn. Agr. Exp. Sta. D. Pease, Biology Dept., Brooklyn College, Brooklyn, New York.

7. Journal of Mycology, Vols. 1-7 complete (1885-1894): R. P. Korf, Dept. of Plant Pathology, Cornell University, Ithaca, New York.

8. Lindau, Gustav, Die Mikroscopischen Pilze. 2 volumes. Springer, Berlin. 1922. D. Pease, Biology Dept., Brooklyn College, Brooklyn, New York.

9. Memoirs of Torrey Botanical Club, four bond in one volume: Griffiths, D., The North American Sordariaceae. 19 plates; Banker, H. J., Contribution to a revision of North American Hydnaceae. 1906; Burlingham, G. S., Study of the Lactariaceae of the U.S., 1908; Chivers, A. H., Monograph of the Genera Chaetomium and Ascotricha. 11 plates. 1915. D. Pease, Biology Dept., Brooklyn College, Brooklyn, New York.

10. Manual de Micologia Medica (the 3rd Ed. is printed). Prof. Carlos da Silva Lacaz, Faculdade de Medicina, Depto. de Microbiologia Av. Dr. Arnaldo, Sao Paulo, Brazil.

11. Mycologia. Vols. 1-43. W. G. Solheim, Dept. of Botany, University of Wyoming, Laramie, Wyo.

12. Sturgis, W. C., A Soil Bacillus of the Type of DeBary's B. Megatherium, from Trans. Royal Society of London, Series B. 191: 147-169. 1899. D. Pease, Biology Dept., Brooklyn College, Brooklyn, New York.

13. Vermont Botany Club, List of Ferns and Seed Plants Growing Without Cultivation. Vermont Agri. Exp. Sta. 1915. D. Pease, Biology Dept., Brooklyn College, Brooklyn, New York.

Publications Wanted:

1. Arthur, J. C., Manual of the Rusts of the United States and Canada. Don B. Creager, State Plant Board Lab, University Station, Box 3777, Gainesville, Florida.

2. Arthur, J. C., Manual of the Rusts in United States and Canada. 1934. E. E. Leppik, Plant Introd. Sta., Iowa State College, Ames, Iowa.

3. Burt, E. A., Thelephoraceae of North America, XIV. Peniophora. Mo. Bot. Gard. Ann. 12: 213-357. 1925. Josiah L. Lowe, College of Forestry, Syracuse, N.Y.

4. Journal of Mycology, Vols. 8-14 (1902-1908): R. P. Korf, Dept. of Plant Pathology, Cornell University, Ithaca, N. Y.

5. Two items are needed to fill in a set of Phytopathology. As an incentive to search the attic, a premium is offered for each. For Volume 4, Number 4, August 1914 - $5.00; for Title-page and Index, Volume 20, 1930 - $3.00. J. R. McGrew, Small Fruit and Grape Section, Plant Industry Station, Beltsville, Md.

IX. RESEARCH MATERIALS AND FUNGAL CULTURES

The listing of cultures available for distribution is limited to unusual fungi particularly suitable for teaching purposes or for special types of research when the individual is willing to distribute such cultures. Other types of research materials will also be accepted for this section.

Cultures Available for Distribution:

1. An easy-to-grow isolate of Armillaria mellia that is particularly suitable for classroom demonstrations of rhizomorphs and bioluminescence. Philip J. Snider, Biology Division, Oak Ridge National Lab., Oak Ridge, Tenn.

2. An isolate of Fusarium roseum taken from human burns and which has indicated possible theropeutic potential. John E. Peterson, Dept. of Botany, University of Missouri, Columbia, Mo.

3. Cultures of Hobsonia mirabilis (Peck) Linder; Helicoma morgani Linder. G. W. Martin, Dept. of Botany, State University of Iowa, Iowa City, Iowa.

4. Microsporum nanus. C. A. Fuentes, Dept. Exp. Path., University of Havana, School of Medicine, Havana, Cuba.

5. Nigrospora sphaerica - clonal cultures. D. D. Sutton, Dept. of Microbiology, Indiana University, Medical Center, Indianapolis, Indiana.

6. Cultures of Phycomycetes, Ascomycetes, Fungi Imperfecti. G. F. Orr, O. A. Plunkett, University of California, 405 Hilgard Ave., Los Angeles, Calif.

7. Various fungi for research and testing for antibiotic activity. Abraham Weintraub, 299 East 48th St., Brooklyn, N. Y.

Cultures Wanted:

1. Cultures of strains of Absidia and related forms. C. R. Benjamin, ARS Culture Collection, Northern Utilization Research and Development Division, U.S.D.A., Peoria, Ill.

2. Specimens of any species of the genus Acontium Morgan, especially A. album Morg. W. G. Solheim, Dept. of Botany, University of Wyoming, Laramie, Wyo.

3. For Volume II of a treatise on the actinomycetes (detailed description of various genera and various species within those genera) I would appreciate descriptions of new organisms and photographs of organisms already described. Selman A. Waksman, Rutgers University, New Brunswick, N. J.

4. Cultures of Algae - Chlorella PY. (Living cells). We would also like someone to prepare these cells for us by freeze-dried, dehydrated, and powdered methods. Abraham Weintraub, 299 E. 48th St., Brooklyn, N. Y.

5. Cultures of Amanita pantherine and Inocybe (any species). Sam I. Stein, Bertram & Roberta Stein Neurospsychiatric Research Programs Inc., Lincolnwood, Ill.

6. Asian discomycete collections and/or cultures: R. P. Korf, Dept. of

Plant Pathology, Cornell University, Ithaca, New York.

7. Bacillus chitinovorus Benecke. Glenn S. Bulmer, Dept. of Botany and Plant Pathology, Michigan State University, East Lansing, Mich.

8. Cephalosporium cultures. Michael Pisano, Dept. of Biology, St. Johns University, Jamaica, N. Y.

9. Any available cultures of the following genera: Cylindrocladium sp.; Candelospora sp.; and Calconnectria sp. Dr. Don B. Creager, State Plant Board Lab., University Station Box 3777, Gainesville, Fla.

10. Diplodia zeae (Schw.) Lev.; D. macrospora Earle; D. megalospora Berk. & Curt.; Physalospora obtusa (Schw.) Cooke; and Botryosphaeria ribis G. & D; Botryosphaeria melanops (Tul.) Winter. Russell B. Stevens, Dept. of Botany, George Washington University.

11. Isolates of Fusarium sp. which appear to be out of the ordinary in any way, or which show much variability in culture. Also any isolates of the fruiting myxobacteria. John E. Peterson, Dept. of Botany, University of Missouri, Columbia, Mo.

12. Transfers (preferably named) of Graphium sp. and Isaria sp. for studies on coremium formation. Dr. W. A. Taber, Prairie Regional Lab., Saskatoon, Sask.

13. Cultures of Helminthosporium victoreae and Helminthosporium oryzae. R. R. Nelson, Dept. of Plant Pathology, North Carolina State College, Raleigh, N. C.

14. Cultures wanted of Histoplasma capsulatum which are or have become avirulent, if such exist. Dexter H. Howard, Dept. of Infectious Disease, School of Medicine, UCLA.

15. Cultures of Micromonospora. Americo Woyciesjes, 320 S. Wilbur Ave., Syracuse, N. Y.

16. 1959 collections of myxomycetes. All species are welcome except Lycogala epidendrum! Specimens should be glued in boxes and mailed to Dr. C. J. Alexopoulos, Dept. of Botany, State University of Iowa, Iowa City, Iowa.

17. Recent collections (1956 on) of myxomycetes. Ian K. Ross, Dept. of Botany, Yale University, New Haven, Conn.

18. Nidularia sp. wanted for culture studies. Also herbarium material of the genus on loan for examination and return. J. T. Palmer, The Hartley Botanical Laboratories, University of Liverpool, Liverpool, England.

19. Any samples of Phomopsis sp. on trees, (conifer or hardwood) and cultures of same if available. W. G. Ziller, Forest Biology Laboratory Laboratory, 409 Federal Building, Victoria, B. C.

20. Cultures of Rhizoctonia sp. other than solani wanted by Dr. O. Vaartaja, Canada Agriculture Research Lab., University Post Office, Saskatoon, Sask .

21. Palatable fleshy fungi. Dr. Leon R. Kneebone, Buckout Lab., Penn State University, University Park, Pa.

22. Cultures of Scopulariopsis for taxonomic studies. J. W. Carmichael, Provincial Laboratory, University of Alberta, Edmonton, Alberta.

23. Stilbum, any species, identified, unidentified, or questionable. Wanted by R. H. Estey, Dept. of Plant Pathology, Macdonald College, Quebec.

X. MAJOR RESEARCH PROJECTS

Brooklyn, New York.
Research on Algal culture. The development of dehydrated products for the Microbiological laboratory including solidifying agents - Agar, Wein-Gel and Wein-Gum, all in powder form by Abraham Weintraub.

Duke University, Durham, North Carolina.
Supported by a 3-year grant from the National Science Foundation, a three year study is being carried on concerning the distribution of lignicolous and sediment-inhabiting fungi in estuaries of the Carolina coast. T. W. Johnson, Jr.

Faculdade de Medicina, Sao Paulo, Brazil.
Experiments with blastomycosis, including infection of blastomycosis (isolated forms) and immunology of South American blastomycosis. Prof. Carlos da Silva Lacaz.

Harvard University, Cambridge, Mass.
A taxonomic revision of the lichenized fungi of the Palmer Peninsula sector of Antarctica, by I. Mackenzie Lamb, is in preparation.

Hood Laboratory, Tampa, Florida.
S. C. Hood is studying the mycorrhizal fungi of herbaceous plants.

Indiana University, Medical Center, Indianapolis, Ind.
Biochemical studies of morphogenosis in Nigrospora. D. D. Sutton.

Instituto Miguel Lillo, Tucuman, Argentina.
Dr. Rolf Singer reports research work being done in collaboration with Ecology section: Role of ectotrophic mycorrhiza in the distribution and types of forest in America.

Johnson & Johnson, Research Center, New Brunswick, N. J.
Dr. Harold E. Swartz reports that a study of the biological action of Griseofulvin is being carried on at the research center.

Los Angeles, Calif.
Dr. O. A. Plunkett reports research being done at UCLA on Dermatophyte-like fungi from desert soils.

Macdonald College, Quebec, Canada.
The study of the carnivorous fungi in agricultural soils of southern Quebec is the project being carried on here by Dr. R. H. Estey.

Michigan State University, East Lansing, Mich.

Dr. E. S. Beneke has been awarded a two year grant from the National Cancer Institute to study the growth and development of new strains of Calvatia sp. in relation to tumor inhibiting principles. Dr. Joseph Stevens and Glenn Bulmer will continue working on this project.

New Mt. Sinai Hospital, Toronto, Ontario.

The following studies are being carried on here: Cytology of nuclei in vegetative mycelium of several fungi; pleomorphism in dermatophytes; and morphological studies with Cryptococcus neoformans and Candida albicans.

North Carolina State College, Raleigh, N. C.

Dr. R. R. Nelson reports research work being done on the evolution of sexuality by means of interspecific crosses.

Northern Utilization Research & Development Division, ARS Culture Collection, Ill.

A 3-year study of Absidia and closely related genera of the Mucoraceae has been initiated, leading to a monograph of the genus by C. W. Hesseltine and C. R. Benjamin.

Oak Ridge National Laboratory, Oak Ridge, Tennessee.

Dr. Philip J. Snider reports that his major project at Oak Ridge is a basic study of the cytology and genetics of Schizophyllum commune with special emphasis upon the genetic control of the process of heterokaryotization.

Rutgers University, New Brunswick, N. J.

Dr. Selman A. Waksman is in the process of preparing a comprehensive treatise on the actinomycetes which will comprise three volumes. Vol. I is now being published by the Williams & Wilkins Co.

Syracuse University, Syracuse, N. Y.

Dr. Josiah L. Lowe reports that Anton Slysh is expected to complete preparation of an illustrated taxonomic manual of the genus Peniophora in New York by June; publication arrangements are being made.

Syracuse, New York.

Americo Woyciesjes is working on isolation, cultivation and media research with Streptomyces and Micromonospora.

University of California, Los Angeles, Calif.

Dexter H. Howard reports that studies on host-parasite relationships of the human mycoses on a cellular level are being carried on.

University of Georgia, Athens, Ga.

Dr. N. M. McClung reports research work being done on variations in Nocardia asteroides isolates.

University of Michigan, Ann Arbor, Mich.

Dr. Yamuna Lingappa and Prof. A. S. Sussman are working on the melanization process in pathogenic fungi, using Pullularia pullulans & Cladosporium mansonii.

University of Missouri, Columbia, Mo.

Dr. John E. Peterson has been awarded a 2-year National Science Foundation grant for study of "Culture and Physiology of the Myxobacteria." Other work

being carried on is the study of the microflora on the bark of living trees and the study of proteolytic properties of Fusarium sp.

University of North Carolina, Chapel Hill, N. C.
W. J. Koch is studying the structure and action of motile cells of fungi. Dr. J. N. Couch reports work being done on the life histories and pure culture studies of lower fungi particularly chytrids and the sex and genetics of lower fungi.

University of Wisconsin, Madison, Wisc.
Dr. Ellis B. Cowling is completing a doctoral dissertation of the comparative biochemistry of the decay of wood by white and brown rot fungi.

Vassar College, Poughkeepsie, N. Y.
Drs. Louise F. Potter and Gladys E. Baker have a National Science Foundation grant for three years to continue their work on the microorganisms of lake water and associated bottom muds. During the summers the project will be based at Montana Biological Station on Flathead Lake. The project is for physiological studies of these organisms, particularly their psychrophilic nature and their role in the B_{12} cycle.

Yale University, New Haven, Conn.
Dr. Ian K. Ross reports research work being done on the studies of the life cycles, cytology and development of the myxomycetes.

XI. MYCOLOGICAL INSTRUCTION IN THE SUMMER OF 1959

Duke University, Durham, N. C.
Medical Mycology will be offered from July 1 - 25, 1959. N. F. Conant. Marine Mycology, graduate; special problems in mycology, graduate; research in mycology, graduate. These are offered for a 12 week summer session, Beaufort, N. C., Duke Marine Lab. T. W. Johnson.

Faculdade de Medicina, Sao Paulo, Brazil.
A summer course in mycology including medical mycology is being offered here. Prof. Carlos da Silva Lacas.

Instituto Miguel Lillo, Tucuman, Argentina.
Aside from ordinary mycology course (as part of the course on crytogamic botany offered every year), the Instituto Miguel Lillo will offer at the end of this year a course on "selected subjects in mycology" for graduate students and postgraduates, also from other provinces. Lecturer: Dr. Rolf Singer.

State University of Iowa, Iowa City, Iowa.
Iowa Fungi. A field and laboratory course in the collection, identification and culture of fungi common in eastern Iowa. No prerequisite. Instructor: Dr. Const. J. Alexopoulos.

University of Recife, Pernambuco, Brazil.
We have training courses on Medical Mycology and Limnology. A. Chaves Batista.

Washington State University, Pullman, Wash.

Plant Pathology 450 - Field Mycology 3 credit hours. Summer field trips to study and collect fungi in their native habitats. Laboratory identification and preservation of fleshy and parasitic fungi; herbarium methods. June 16 - July 24. C. G. Shaw.

XII. VACANCIES FOR MYCOLOGICALLY TRAINED PERSONNEL

Illinois State Natural History Survey, Urbana, Ill.

Summer opening for mycologist, June 15 to September 1 or 15. Contact Dr. J. C. Carter, Illinois State Natural History Survey, Natural Resources Bldg., Urbana, Ill.

U.S.D.A., Washington, D. C.

Openings for research on postharvest diseases of fruits and vegetables in Pomona, Calif., and Chicago, Ill., field laboratories of the Biological Sciences Branch, Marketing Research Division, Agricultural Marketing Service, U. S. Dept. of Agriculture. Write to Harold T. Cook, Assistant Chief, Biological Sciences Branch, for further information.

XIII. ASSISTANTSHIPS IN MYCOLOGY

Cornell University, Ithaca, N. Y.

Teaching and/or research assistantships in mycology available immediately in the Dept. of Plant Pathology, Cornell University. Address Prof. G. C. Kent, Head, for particulars (mention mycology).

Duke University, Durham, N. C.

For the academic years 1960-61 and 1961-62, and for the summers of 1960 and 1961, graduate research assistantship for work on estuaring distribution of fungi. $2000 academic year, $525 summer; plus travel. T. W. Johnson, Dept. of Botany.

Marine Laboratory, Miami Florida.

Research assistantships as well as vacancies for full time personnel are available in marine mycology and microbiology, with emphasis on lignicolous Ascomycetes and Deuteromycetes, yeasts, and isolation and characterization of pelagic fungi. S. P. Meyers, Marine Lab., #1 Rickenbacker Causeway, Miami, Fla.

Ohio State University, Columbus, Ohio.

Graduate assistantships are available. Advanced work can be taken with W. D. Gray (starting Spring Quarter, 1960) in fungus physiology or myxomycete taxonomy, or with J. A. Schmitt in medical mycology, fungus taxonomy or morphology. Requests for application forms should be directed to Dr. B. S. Meyer, Chairman, Dept. of Botany and Plant Pathology, Ohio State University, Columbus 10, Ohio.

Pennsylvania State University, University Park, Pa.

Three half-time research assistantships available July 1, 1959 paying $2136 plus exemption of fees in the Department of Botany & Plant Pathology. Students with the B.S. or M.S. in the fields of Botany, Plant Pathology, Biochemistry, Bacteriology or Agronomy are invited to apply for these assistantships, by

writing to Dr. Leon R. Kneebone, 117 Buckhout Lab., University Park, Pa.

University of Alberta, Edmonton, Alberta.
M.Sc. of Ph.D. candidate interested in morphology or taxonomy of molds or yeast-like fungi. Write J. W. Carmichael, Dept. of Bacteriology, University of Alberta, Edmonton, Alberta, Canada.

University of Kansas, Lawrence, Kansas.
One ½ time graduate assistantship for academic year 1959-1960 in mycology. Write to R. W. Lichtwardt, Dept. of Botany, University of Kansas, Lawrence, Kan.

University of North Carolina, Chapel Hill, N. C.
Teaching assistantships are available in botany and students holding such assistantships can select mycology as their special field. J. N. Couch.

XIV. MYCOLOGISTS AVAILABLE FOR TEACHING OR RESEARCH POSITIONS.

Dr. Alexander Bakerspigel - Ph.D. 1958. Desires teaching and research position. Available September 1959. Interested in medical mycology, fungal cytology and morphology. Present address - New Mt. Sinai Hospital, Dept. of Bacteriology, Toronto, Ontario.

John T. Mullins - Expects to get the Ph.D. degree in August 1959. He specializes in Heterothallism and genetical studies in Pringsheimella dioica - aqautic fungi. Major Professor: Dr. J. N. Couch, University of North Carolina, Chapel Hill, N. C.

F. Fern Och - Received Ph.D. degree in March 1959. Dissertation was concerned with a physiological study of conjugation in Hansenula wingei. Major Professor was Dr. W. D. Gray, Ohio State University.

John W. Rippon - Ph.D. degree in June 1959 in Medical Mycology. Prefers position in the Chicago area. Address is 808 S. Wood St., Dept. Microbiology, Chicago, Ill.

Carl Sova - has received his Ph.D. degree in Spring of 1959 from Ohio State University. Specialty : Metabolic pathways in ethyl acetate production by Hansenula anomala.

Anton Slysh - Research specialty - mycology. Thesis on Taxonomy of Peniophora (Thelephoraceae) College of Forestry, University of Syracuse.

Donald D. Sutton - Ph.D. (Microbiology, Univ. of Calif. 1957). Metabolism and ecology of bacteria and fungi. Present address is the Dept. of Microbiology, Medical Center, Indianapolis, Indiana.

XV. NEWS OF GENERAL INTEREST

Brown University, Providence, R. I.

The Botany Department is endeavering to raise funds for the publication of Dr. Snell's water-color drawings of mushrooms - Boletaceae. He is continuing to work on these fungi after his retirement on July 1, 1959.

Currently, the Department has about $4500 of a hoped for $15,000 to be administered by the University in the form of a grant. Checks should be made payable to Brown University and designated for the Walter H. Snell Fund.

Canada Department of Agriculture, Ottawa, Canada

In the recent reorganization of the Canada Department of Agriculture the former Mycology Unit is now the Mycology and Taxonomy Section, Plant Research Institute, Research Branch, Central Experimental Farms, Ottawa, Canada.

Mycological Society of America

Several changes have been made in officers, representatives and committees of the Society since the December, 1958 News Letter. Dr. F. K. Sparrow, Jr. has accepted the appointment to represent the Society for another year as representative to the National Research Council.

Dr. C. L. Fergus has agreed to be our local representative at Pennsylvania State University for the American Institute of Biological Science Meetings, August 30 to September 3, 1959.

Dr. D. P. Rogers has accepted the position as the Society representative at the AAAS meetings to be held in Chicago, Illinois in December, 1959. Program arrangements will be announced later in the year.

Due to the change in the Constitution at the last Business Meeting, our last past president, Dr. John R. Raper is a Council member and cannot hold another elected office at this time. The Council has appointed Dr. R. P. Korf to fill the remainder of the term in 1959 and 1960 as Councilor in the East.

Miss Edith Cash has agreed to serve the rest of her term on the Editorial Board of Mycologia after her retirement this past year.

Two changes have been made in the Committee on Medical Mycology. Dr. Libero Ajello has agreed to become the new chairman. Dr. C. W. Emmons was chairman prior to being elected President-Elect for 1959. Dr. Orda A. Plunkett has been appointed as a new member of the Committee.

Mycologia. After unavoidable delays and difficulties with the annual Index for the journal, we are pleased to find out that our Editor-in-Chief, Dr. Don P. Rogers reports that the November-December and January-February issues are at the printers and should be mailed soon. Should your issues not arrive after sufficient time has elapsed, then we shall be glad to investigate and see what has happened.

Pennsylvania State University, University Park, Pa.

The Fourth Mushroom Industry Short Course will be held at the Pennsylvania State University June 22-25, 1959. Information concerning the course may be obtained from the Office of Short Courses, College of Agriculture, University Park, Pa. Last year approximately 225 persons from 17 States and 5 foreign countries were in attendance according to Dr. Leon Kneebone.

St. John's University, Jamaica, New York.

The New York City Branch of the Society of American Bacteriologists visited St. John's University new science building on March 24, 1959. Later in the evening three group discussions took place. Dr. M. L. Littman headed one group which discussed Cryptococcosis; Dr. E. J. Beckhorn was head of a second group discussing microbial enzymes; and Dr. B. Oser spoke on the new Food Additives Law in the third group.

University of Havana School of Medicine, Havana, Cuba.

Dr. Ceasr A. Fuentes, Department of Experimental Pathology at the University reports that the University is now open again.

University of Miami, Miami, Fla.

Dr. S. P. Meyer, Rickenbacker Causeway, Marine Laboratories, Miami, Fla. reports that in September, 1959, candidates for the PhD degree will be accepted in the Department of Microbiology and The Marine Laboratory, University of Miami. A course, Marine Microbiology, will be offered in February, 1960.

University of Rhode Island, Kingston, R. I.

Dr. Frank L. Howard, University of Rhode Island, has announced that they are authorized to accept graduate students for the PhD degree in Biological Sciences (including Mycology and Plant Pathology), beginning in September, 1959. Four Defense Agency doctoral fellowships (each for 3 years) in the Biological Sciences have been granted to the University.

Weintraub Laboratories

Free samples of solidfying agents, agar Wein-gel and Wein gum are available upon request to members of the MSA. Write to: Abraham Weintraub, 299 East 48th St., Brooklyn, N. Y.

XVI. RECENT APPOINTMENTS

Dr. A. Chaves Batista, Institute of Mycology, University of Recife, Pernambuco, Brazil reports two additions to the staff: Dr. Geraldo Lauro Silveira has been added to work on Gynecomycopathology; and Dr. Jose Americo de Lima, who will work on general mycology.

Dr. George Bistis will join the group at Columbia University who are working on the genetics of homothallic fungi. He has for the past two years worked with Dr. John Raper at Harvard University on a National Science Foundation grant.

T. D. Brock who is currently with the Department of Biology, Western Reserve University will transfer in the Fall of 1959 to the Department of Microbiology, School of Medicine, Western Reserve University, Cleveland, Ohio.

Dr. Robert N. Campbell, formerly with the Forest Products Lab., Madison, Wisconsin, recently accepted a position in the Department of Plant Pathology at the University of California, Davis, California.

Dr. Bowen S. Crandall is being transferred by the International Cooperation Administration, U. S. Department of State to Guatemala City, Guatemala where he has been Food and Agriculture officer, USOM to Honduras. He will be returning to technical work as Plant Pathology Advisor to USOM/Guatemala primarily working on the kenaf fiber development project.

Dr. E. D. DeLamater, M.D. has been appointed Consultant in Microbiology and Mycology in the Skin and Cancer Hospital of Philadelphia; and a member of the Medical Advisory Board of the National Multiple Sclerosis Society, Eastern Pennsylvania Chapter. Dr. DeLamater reports that Dr. Giovanna R. Mazzanti has accepted an appointment as Assistant Professor in Biochemistry of Cutaneous Disease at the Skin & Cancer Hospital, Philadelphia.

Oswaldo Fidalgo and Maria Eneyda K. Fidalgo, formerly at the Rio de Janeiro Botanical Garden have been transferred to Sao Paulo, Brazil, as staff members of the Cryptogamic Section of the Instituto de Botanica, to work under Mr. A. R. Teixeira. Needless to say, the two new members are going to work on polypores.

Dr. Paul R. Harding, Jr., P. O. Box 700, Pomona, California, resigned to accept a position with Sunkist Growers, Inc., Ontario, California.

Frank L. Howard, University of Rhode Island, Kingston, reports two new members added to the staff: Richard F. Stouffer, as Assistant Research Professor, from Cornell; and Ralph Kurtzman, from the University of Wisconsin.

Dr. Anna E. Jenkins of Walton, New York, reports that since her appointment with the International Cooperation Administration (1952-1957) she has been Collaborator, Mycology and Plant Disease Reporting Section, Crops Research Division, U. S. Dept. of Agriculture, Beltsville, Md.

Dr. Leon R. Kneebone, Buckhout Lab, Pennsylvania State University reports that Chester M. Gibson, M.S., Pennsylvania State University, 1959 has accepted a research position with Brandywine Mushroom Corp. of West Chester, Pa.

Prof. Carlos da Silva Lacas reports two additions to the Faculdade de Medicina, Sao Paulo, Brazil: Dr. Thales de Brito and Dr. Colos Lole Vernin.

Dr. C. E. Miller, who received his Ph.D. from University of North Carolina in August 1958, is now at Emory University, Atlanta, Georgia. He is Assistant Professor of Biology.

Dr. John E. Peterson, University of Missouri reports that Dr. Franklin Stahl has joined their faculty as Associate Professor. Coming from Cal. Tech., Dr. Stanl is a geneticist but his work is in the area of phage and bacterial genetics.

Dr. John A. Schmitt, Ohio State University, informs us that Dr. W. D. Gray left in February on a one year Fulbright award to work at the Department of Botany, University College of Rhodesia and Nyasaland, Salisbury, South Rhodesia. Africa. Dr. Gray arrived at Salisbury the day martial law was declared, however, he writes that their situation is not considered serious, but that the inhabitants feel the Little Rock situation is very serious. He says the mycological laboratories are equivalent to the best ones in the U. S. even though the department has had a mycologist for only about 2 months.

Dr. John A. Stevenson of the National Fungus Collections, Beltsville, Maryland reports that Dr. Marie L. Lack has joined the staff. Dr. Lack received her degrees at Michigan State University and at the University of Iowa. During 1958 she was associated with Dr. Chaves Batista at the University of Recife, Brazil.

Dr. D. D. Sutton, Indiana University Medical Center, reports an addition to their staff: Dr. Alvin S. Levine, virologist, formerly was at Harvard Medical School in the Department of Bacteriology and Immunology.

Dr. Thomas Theis of the Federal Experiment Station, Mayaguez, Puerto Rico reports that Dr. Donald McVey has joined their staff after having completed his work for the Ph.D. degree at Illinois with Dr. J. W. Gerdemann. The work for his thesis was on root rot of forage legumes. His present assignment is in a program of winter testing of cereals for resistance to rust diseases.

Harry D. Thiers has resigned his position of associate professor in the Department of Biology at Texas A. & M. College and has accepted a position as associate professor of biology at San Francisco State College. His appointment is effective as of September 1, 1959.

Dr. O. Vaartaja of the Canadian Agricultural Research Laboratory, Saskatoon, Saskatchewan reports that Dr. Hari Saksena, from India, is working with them as a research fellow on species of Rhizoctonia.

XVII. VISITING SCIENTISTS

Dr. Const. J. Alexopoulos reports that Prof. Roger Heim of the Natural History Museum, Paris, France visited the mycological laboratories of the State University of Iowa and lectured on Hallucinogenic Mushrooms. The lecture was arranged by the Department of Botany and was given under the auspices of the College of Medicine.

Dr. Gladys E. Baker reports that Dr. Rene Dubos of The Rockefeller Institute for Medical Research, lectured at Vassar College, March 4th on "Tulipomania and concept of disease".

Dr. A. Bakerspigel, of the New Mt. Sinai Hospital, Toronto, Ontario reports a visit from Dr. C. F. Robinow, Professor of Bacteriology, at the University of Western Ontario.

Dr. C. R. Benjamin of the ARS Culture Collection reports that Dr. Kazuo Shibasaki, associate professor, Department of Agricultural Chemistry, Tohoku University, Sendai, Japan is spending a year in their Culture Collection group working on the fermentation of soybeans to make "miso" a traditional Japanese food, using cultures of Aspergillus oryzae.

Dr. Carlos H. Blasquez reports that Dr. A. J. Riker of the University of Wisconsin visited him at University Station, Gainesville, Florida.

Dr. N. F. Conant, of Duke University, lectured at the UCLA Medical Center Extension Symposium for Veterinarians, Physicians and Allied Professionals on "Mycology in Man and Animals: An Interdisciplinary Approach". Dr. Conant also reports that Dr. Ahalya Rao, Calcutta School of Tropical Medicine, is spending the year with them at Duke University.

Dr. J. N. Couch reports two visitors at the University of North Carolina: Dr. David Gottlieb, Professor of Plant Pathology at the University of Illinois, who lectured on the Mechanism of Antibiotic action, March 2, 1959; and Dr. F. K. Sparrow, University of Michigan who discussed the recent studies in Physoderma, on November 18, 1958.

Prof. Tadeusz Dominik, Instytut Badawcey Lesnietwa, Poland, reported that Dr. B. Boullard visited his laboratory last summer and traveled across all of Poland. Their research was on mycotrophy of the plant community on Babia-Mnts in Carpathen Mountain chain. The results of this research, including descriptions of some new mycorrhizae forms and completion of investigations of the mycotrophy of the Beech-communities in Poland will be published soon. During this year he will go to the University of Caen in France to work with Dr. B. Boullard on mycotrophy. In the Fall he will return to Poland to do research on the Mycotrophy of the scottish-pine in Taborz in East Poland.

Dr. M. W. Gardner of the University of California, reports that Prof. Dow V. Baxter was visiting while on Sabbatical leave from November 1958 to January 1959.

Dr. Shosuke Goto, University of Hawaii, reports that Dr. and Mrs. Otto Reinking spent a week on Oahu and Maui. They visited several banana plantings with growers and county agents.

Dr. E. D. Kitzkie reports that Dr. Henry Wisniewski, a Milwaukee Public Health Virologist visited the Basic Research Department of S. C. Johnson & Son, Inc., in Racine, Wisconsin.

Prof. Carlos da Silva Lacas of the Faculdade de Medicina, Sao Paulo, Brazil, reports two visitors: Hans Schulten (Koln), Germany; and Hitoshi Yamato (Okayama) Japan.

Dr. I. Mackenzie Lamb, Harvard University reports that Prof. Roger Heim, Director of the Cryptogamic Section of the Museum National d'Histoire Naturelle, Paris and authority on the Mexican Hallucinogenic fungi, visited the Farlow Herbarium in January 1959.

Dr. N. M. McClung reports two visitors to the University of Georgia: Dr. Ichiro Uesaka, of the Tuberculosis Research Institute, Kyoto University, Kyoto, Japan as a research associate for one year; and Dr. John D. Schneidau, of the Department of Microbiology, Medical School, Tulane University.

Dr. Michael A. Pisano reports that Dr. Paul Burkholder has addressed the Sigma Xi club of St. John's University on "Life in the Antartic" on April 21, 1959.

Dr. John W. Rippon of the Department of Microbiology, Chicago, informs us that Dr. Louis R. Boshes, Assistant professor of Pschiatry and Neurology, Northwestern University spoke on "Fungus Diseases of the Central Nervous System" at the Spring meeting of the Chicago Medical Mycological Society.

Dr. John M. Roberts reports that Major John Cebel of the World Health Organization spent two weeks at the Michigan Department of Health Diagnostic Laboratories. He was observing methods and discussing curriculum plans for a course for Clinical Laboratory Personnel he is to institute in Sao Paulo, Brazil.

Dr. Ian K. Ross of Yale University was recently visited by Dr. C. M. Wilson of McGill University, Canada.

John G. Bergquist, Fellow of the American Scandinavian Foundation, is spending one year at the Institut for Systematisk Botanik under Docent Rolf Santesson, working on algal symbionts of lichens and lichen synthesis.

Dr. Rolf Singer reports that in December, 1958, Dr. Erdtmann, a well-known palynologist from Sweden, was invited to the Instituto Miguel Lillo, Tucuman, Argentina and collaborated with the mycologists on some problems of common interest. Dr. Singer also reports that Dr. B. Lowy, University of Louisiana, visited the Biological Station of the Instituto Miguel Lillo where he gave a course on Tremellales.

Dr. John A. Stevenson of the National Fungus Collection, Beltsville, Maryland reports the following recent visitors: Prof. E. Castellani, Institute of Plant Pathology, University of Turin, Italy; Dr. Francis W. Holmes, Shade Tree Laboratory, University of Massachusetts; and Prof. F. A. Staffen, specialist in nomenclature, University of Utrecht, Utrecht, Netherlands.

Dr. D. D. Sutton of the Indiana University Medical Center reports that Dr. Edward Adelberg, Chairman of the Department of Bacteriology, at the University of California, in Berkeley recently visited their center.

Dr. Bernard Lowy, from the Department of Botany, Louisiana State University was a guest for a week of Dr. Jorge E. Wright, Seccion Identificacion de Plagas y Enfermedades, Buenos Aires, Argentina. Dr. Lowy was able to have a look at some specimens of Argentine Tremellales and eat tasty "chorizos" during breaks.

Erratum: Dr. Murgoard from Denmark at the top of page 26, of the December 1958 issue should have read "Dr. Paul Neergaard of Denmark."

XVIII. HONORS, DEGREES, PROMOTIONS AND INVITATIONAL LECTURES

V. Ahmadjian spoke to the Botaniska Sektionen au Naturvetenskapliga Studentsallshapet i Uppsala on Experimental Observations on the Algal Genus Trebovxia de Poymaly and problems of Lichen Synthesis. Dr. Ahmadjian was recently appointed Assistant Professor of Biology at Clark University, Worcester, Massachusetts.

Dr. L. Ajello of the Communicable Disease Center, Chamblee, Georgia delivered two lectures at the symposium on Fungus Diseases in India sponsored by the Calcutta School of Tropical Medicine in February.

Dr. A. Bakerspigel, of the New Mt. Sinai Hospital, Toronto, Ontario, delivered a paper to the Graduate School, McMaster University, Hamilton, Ontario on "The Structure and Manner of Division of Nuclei in the Vegetative Mycelium of Fungi".

Dr. A. Chave Batista, Institute of Mycology, University of Recife, Pernambuco, Brazil reported that Prof. Dr. Joaquim Ignacio de Almeida, Rector of University of Recife received the degree of Member of France Honor Legion on his 80th birthday. He also received a Brazilian Consagration for his great contribution related to progress in research in several fields of science.

Dr. John Couch, University of North Carolina, on an invitation from Dr. L. Batra of Swarthmore College gave a lecture on the "Anbrosia beetles and Associated fungi" in March 1959.

Agathe L. van Beverwijk has been appointed director of the mycological institute, Centraalbureau voor Schimmelcultures, Baarn, Netherlands. She succeeded Dr. Joha Westerdijk who retired in 1958. Dr. Westerdijk had already retired at an earlier date from her function as plant pathologist. In this function she was succeeded by Dr. L.C.P. Kerling in 1952.

Carlos H. Blasquez will receive a Ph.D. degree in June 1959 in Plant Pathology from the University of Florida.

S. Gaylen Bradley has been promoted from Assistant Professor to Associate Professor of Bacteriology and Immunology at the University of Minnesota.

Dr. T. D. Brock, Western Reserve University, Cleveland, gave a talk on the biochemical basis of mating in yeast to the Department of Biology and the McCollens Pratt Institute of Johns Hopkins University.

Dr. N. F. Conant is now Professor of Microbiology and Chairman of the Department at the School of Medicine, Duke University.

Dr. H. T. Cook and W. T. Pentzer of the Biological Sciences Branch of the U.S.D.A. presented a paper in September 1958 on "Antibiotics as an aid in the preservation of fresh fruits, vegetables, meat and poultry", at the meeting of Commission 4, Institute International du Froid, Moscow, U.S.S.R.

Dr. J. N. Couch, University of North Carolina presented a lecture on Entomogenous Fungi at the State College, Raleigh, N. C. W. J. Koch also of the University of North Carolina lectured on Motile cells of fungi at Womans College, University of North Carolina.

Dr. E. D. DeLamater*, J. Rosenblum, and K. L. Posch presented a paper on "Observations on the structure and Organization of the isolated nucleus of B. megaterium" at the Annual Meeting of the Histochemical Society, Atlantic City in 1959. Dr. DeLamater and P. Echlin presented a paper on "Cytochemistry of the nucleus of B. megaterium" for the American Association for Cancer Research also in Atlantic City in 1959.

Dr. George Fischer, acting dean of the College of Agriculture at Washington State College, presented an invitational lecture to the student-faculty on the topic of "Food Shortage, not Surplus, May be a Problem."

Dr. M. W. Gardner reports that Prof. W. C. Snyder was appointed Vice-Chairman of the Department of Plant Pathology at the University of California in Berkeley. Prof. Snyder is also President - elect of the American Phytopathological Society.

Ellen Garnett, who received her Ph.D. degree in June 1958, is now teaching at Hendrix College, Conway, Arkansas.

Dr. F. L. Howard, University of Rhode Island, presented a paper on "The Microbe Community in the Turf Profile", at the Massachusetts Turf Conference, University of Massachusetts at Amherst, March 1959.

Dr. Clifford W. Hesseltine, Northern Regional Research Laboratory, USDA, Peoria, Ill., received a citation from Secretary of Agriculture Ezra Taft Benson on May 26, 1959 in recognition of achievements in research in the form of a USDA Superior Service Award.

Plant Pathologist Harry L. Keil, has been appointed to investigate tree fruit diseases in the Tree Fruit Section, Fruit and Nut Crops Research Branch, U.S.D.A., Beltsville, Maryland. Dr. Keil will conduct research on tree blight and powdery mildews of pear and apple; and bacterial spot and constriction disease of peach trees. He was formerly (1946-1958) associated with Rohm and Haas Company in charge of fungicide screening.

E. D. Kitzke of S. C. Johnson & Son, Inc., Racine, Wisconsin, and R. J. McGray delivered a paper, "Coolant Microbiology: The Role of Industrial Research", before the American Society of Lubrication Engineers in Buffalo, N. Y. in April.

Dr. Leon R. Kneebone, Associate Professor of Botany and Plant Pathology at Penn State, replaced H. W. Popp, on his retirement, as Chairman of the Committee on Biological Science in the Graduate School of the University. Dr. Kneebone as associate professor of Botany and Plant Pathology, in charge of Mushroom Research, at the Pennsylvania State University, presented an invitational lecture to the Central States Mushroom Co-op at Oak Lawn, Illinois on April 6, 1959. He has also been invited to deliver two papers at the Fourth International Mushroom Congress in Copenhagen, Denmark in July. He hopes to tour the mushroom industries of Scandinavia and Great Britain following the Congress.

Dr. Richard P. Korf, Cornell University, was the speaker at the annual dinner of the Eastern New York Botanical Club in Albany, New York, on May 8. His topic was "Relationships viewed through the ascus".

Prof. Carlos da Silva Lacas of the Faculdade de Medicina, Sao Paulo, Brazil reports that Celeste Fava Netto has received the doctors degree in medicine.

Norvel M. McClung was the invited discussant at the Conference on Genetics of Streptomyces and other antibiotic producing Microorganisms sponsored by the New York Academy of Sciences in January 1959.

Dr. Dan Neely, Illinois Natural History Survey, has been promoted to Associate Pathologist.

Dr. Michael A. Pisano, St. John's University, addressed the Biology Department Seminar of Long Island University on the topic of "Experimental Mycology" in April 1959.

Dr. Francis V. Ranzoni, Plant Science Department, Vassar College has been promoted to the rank of associate professor.

Dr. John M. Roberts of the Michigan Department of Health is taking part in the Lansing Public School Science Seminars for outstanding science students (Joe Berg Foundation) as resource person, advisor and lecturer in Microbiology.

Dr. John B. Routien, with Chas. Pfizer & Co., Inc. reports that Miss Irene Rollman, M.S. in Botany at Purdue, 1953, has been promoted to staff position in the Mycology Laboratory at Pfizers.

Dr. J. A. Schmitt presented to the Ohio State Chapter of Sigma Delta Epsilon a lecture-demonstration on "Molds, Man, and Medicine in April. Dr. Schmitt also reports that F. Fern Och, student of W. D. Gray received the Ph.D. degree in March 1959 from Ohio State University.

Dr. Charles Gardner Shaw, Washington State University, reports that Dr. G. W. Fischer, Chairman of the Department of Plant Pathology is serving as Acting Dean of the College of Agriculture at Washington State University for two years. Dr. J. Walter Hendrix is acting Chairman of the Department for the same period.

Dr. Rolf Singer, Institute Miguel Lillo, Tucuman, Argentina has been promoted to full professor and in addition has been named delegate of the Instituto and awarded a grant to enable him to attend officially the IX International Botanical Congress. Dr. Singer has given a ten day course on applied mycology on invitation by the Rector of the University of Chile, Santiago, Chile from March 28 - April 6, 1959, after a one-month study and collecting trip to Southern Chile.

Dr. Philip J. Snider completed two years post-doctoral research with Prof. J. R. Raper at Harvard University in September 1958, and is now Research Associate, Biology Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee.

Dr. A. S. Sussman, University of Michigan is a NSF senior postdoctoral fellow working at Cal Tech during 1959-1960.

A. R. Teixeira delivered a lecture on "Analysis of the Generative Hyphae of Polypores" at the Xth Congress of Botany, of the Sociedade Botanica do Brasil, in January this year, at Rio de Janeiro, Brasil.

Thomas Theis reported that Dr. Lucas Calpouzos, Plant Pathologist of the

Federal Experiment Station in Mayaguez, gave a talk about the use of oil sprays for controlling the Sigatoka disease of bananas to the Vegetable and Minor Crops Committee of the Experiment Station of the University of Puerto Rico. Oils, with no other additions of fungicidal materials, applied at rates as low as 1 gallon per acre in the form of a mist successfully control this serious disease of bananas.

During the year Dr. Selman A. Waksman, Rutgers University, received 3 honorary degrees: one from the Hebrew University in Jerusalem; one from the University of Strasbourg in France; and one from Jacksonville,University in Florida.

Under the Visiting Scientists' Exchange Program of the U. S. Government, Dr. Jorge E. Wright, from Buenos Aires, Argentina, has been invited by the U. S. National Academy of Sciences to work on South American Polyporaceae and Gasteromycetes at the National Fungus Collections. The grant is for one year, and he shall visit American universities and various herbaria.

XIX. OTHER NEWS ABOUT MEMBERS

Dr. Libero Ajello of the Communicable Disease Center, Chamblee, Georgia visited medical mycological laboratories in Tokyo, Japan, Calcutta, Lucknow, New Delhi, Madrar, Primpei and Bombay, India.

Dr. A. Cahves Batista, University of Recife, Pernambuco, Brazil reports that Dr. H. da Silva Maia has married.

Dr. N. F. Conant, School of Medicine, Duke University attended the Fifteenth General Assembly of the Japan Medical Congress, April 1 - 5, 1959.

Dr. H. T. Cook, Marketing Research Division, U.S.D.A., was a member of the U. S. Department of Agriculture team that was sent to Poland, Yugoslavia, Finland, Israel, Italy, Spain and France, in November and December 1958, to make a survey of the availability of agricultural research facilities and personnel for the Public Law 480 research program.

Dr. M. W. Gardner, of the University of California reports that Prof. H. N. Hansen will become Emeritus, July 1, 1959.

R. H. Haskins, National Research Council, Saskatoon, Saskatchewan reports the retirement of his 1941 Buick at well over 100,000 miles.

Frank L. Howard, University of Rhode Island, reports a new Agricultural Science building will provide excellent facilities for the Department of Plant Pathology - Entomology after July 1.

B. T. Lingappa will be joining the faculty of Michigan State University, Department of Botany and Plant Pathology as assistant professor in June 1959. He will work on "Lysis of fungal mycelia in soil" with Dr. John Lockwood of the same department. Mrs. Yamuna Lingappa will continue work on Medical Mycology with Dr. E. S. Beneke.

Dr. Josiah L. Lowe, College of Forestry, Syracuse University returned from 3 months collecting in Arizona, Idaho, Oregon and Washington in December 1958.

Francis V. Ranzoni, Vassar College will be a visiting member of the Botany Department, University of California at Berkeley this summer. He will teach the introductory course and be in charge of undergraduate research.

During the absence of W. D. Gray, any requests for cultures, etc., from the Ohio State University stock Culture Collection should be addressed to J. A. Schmitt, Dept. of Botany and Plant Pathology.

Mrs. Clare Sun, College of St. Joseph, Albuquerque, N. M., has received a grant from the National Science Foundation to study Radiobiology at the University of Michigan in the summer of 1959.

Dr. Selman Waksman retired on September 1, 1958 from active duties as Director of the Institute of Microbiology and as Professor of Microbiology at Rutgers University.

Dr. Jorge E. Wright, Seccion Identificacion de Plagas y Enfermedades, Secretaria de Agricultura y Ganaderia, Buenos Aires, Argentina reports interesting mycological findings were made at the first 6-day foray held last December in the province of Cordoba by the Argentine Botanical Society, whose guest of honor were Drs. Erdmann (Sweden) and Gausson (Toulouse, France). Dr. P. James, lichenologist of the British Museum also attended. Lists of the fungi collected will be published.

XX. NEWS FROM THE AFFILIATED SOCIETIES

Boston Mycological Club, Farlow Herbarium, 20 Divinity Ave., Cambridge, Mass.

At the Horticultural Society's Spring Flower Show the Boston Mycological Club was given a Special Award for its exhibit of models of twelve common edible mushrooms in their natural habitats.

An interesting item in the March 1959 issue of Bulletin No. 1: "FANCY 1: The natives of the Admiralty Islands in the Pacific have their own myth of creation. They say that when the seas had receded and man had appeared on earth, the first two beings, after planting trees and food plants, created a pair of mushrooms. One of these the man threw up into the sky, and, lo! it became the moon; while the woman tossed up the other mushroom, and, low! it became the sun. This seems the correct creation myth for mycologists."

During the Culinary Meeting conducted by Mrs. Lever, Jam. 19, 1959, there were some very appetizing mushroom recipes discussed such as: Japanese Mushroom and Shrimp Soup; Dream of Mushroom Pie; Pickled Mushrooms; Fried Mushrooms in Tomato Sauce; Mushroom Cocktail; Casserole of Mushrooms with Blue Cheese; and others. The Club may have more details of these recipes available if you are interested.

The Mycological Society of San Francisco

The Bulletin published by this Society is in a new format, resulting in a well-planned booklet in double columns with illustrations.

XXI. THE F_1 - F_2 GENERATIONS

The F_1 - 2 : 3

The Ladies:

A daughter, Christina Linn, born March 5, 1959 at the Akademiska Sjukhus in Uppsala, Sweden. The proud parents are Dr. and Mrs. Vernon Ahmadjian now of 17 S. St., Auburn, Mass.

A first child, Ruth Elizabeth, born on April 10, 1959 to Dr. and Mrs. R. W. Lichtwardt, University of Kansas, Lawrence, Kansas.

The Gentlemen:

Dr. and Mrs. G. F. Orr, University of California announce the discovery of a new species, Nicki Bob on February 20, 1959. Nicki Bob has two sisters.

A second son, Jonathan Ned, Born April 11, 1959 to Dr. and Mrs. S. M. Ringel, Bronx, New York.

Janet and Harold Swartz, Hightstown, New Jersey announce the birth of their first: a son, Brian Garrison, born October 29, 1958.

The F_2 - 1 : 1

Dr. and Mrs. H. T. Cook, Marketing Research Division, U.S.D.A. proudly announce the arrival of two grandchildren: Brian Cook Ramsey, December 23, 1958; and Lynn Troutman Oliver, March 16, 1959.

This is the last issue that will be published by the current Secretary-Treasurer and his assistant Mrs. Pat Bulmer. We would like to express our appreciation to the members for sending in information in a well organized form to reduce the chores involved in editing. We hope that after the election of a new Secretary-Treasurer, the News-Letter will continue to improve and be even more successful.

E. S. Beneke, and Mrs. Pat Bulmer

Foray August 22-24, 1958. Brown County State Park, Indiana